

COMMON-MODE FEEDBACK CIRCUIT AND DIFFERENTIAL
OPERATIONAL AMPLIFIER CIRCUIT HAVING STABLE
OPERATION AND LOW POWER CONSUMPTION

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ABSTRACT OF THE DISCLOSURE

10 A common-mode feedback circuit outputs a control
voltage to define a common-mode operating point of a
fully differential amplifier. The common-mode feedback
circuit has a voltage dividing circuit and a differential
amplifier. The voltage dividing circuit divides a
15 voltage across two output ends of the fully differential
amplifier. The differential amplifier receives an output
voltage of the voltage dividing circuit and a reference
voltage, and an output voltage of the differential
20 amplifier is supplied as the control voltage to the fully
differential amplifier.